LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134867.D
Acq On : 21 Aug 2023 14:51
Operator : CG\JU
Sample : 04086-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-PP06A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134867.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.863	298	302	310	rVB	67735	94515	3.14%	0.231%
2	5.422	563	567	571	rBV	2417393	2420744	80.33%	5.922%
3	6.428	733	738	741	rBV	2603958	2453849	81.43%	6.003%
4	6.622	768	771	781	rBV	57664	61613	2.04%	0.151%
5	6.792	796	800	803	rBV	1368737	1102116	36.57%	2.696%
6	7.351	890	895	898	rBV	1849615	1599924	53.09%	3.914%
7	8.069	1013	1017	1020	rBV	1783364	1501169	49.81%	3.672%
8	9.145	1196	1200	1203	rBV	3472711	3013558	100.00%	7.372%
9	9.822	1309	1315	1319	rBV	1779411	1694737	56.24%	4.146%
10	9.857	1319	1321	1324	rVB	127796	101465	3.37%	0.248%
11	9.980	1338	1342	1346	rBV2	57130	53880	1.79%	0.132%
12	10.027	1346	1350	1353	rBV2	47189	53201	1.77%	0.130%
13	10.233	1380	1385	1387	rBV	46927	67538	2.24%	0.165%
14	10.369	1405	1408	1411	rVV2	80678	80076	2.66%	0.196%
15	10.439	1414	1420	1421	rVV2	96796	133367	4.43%	0.326%
16	10.457	1421	1423	1426	rVV3	76839	75728	2.51%	0.185%
17	10.486	1426	1428	1430	rVV	63386	61051	2.03%	0.149%
18	10.527	1433	1435	1440	rVB3	59325	88912	2.95%	0.217%
19	10.616	1445	1450	1453	rVV	2055557	1842619	61.14%	4.507%
20	10.651	1453	1456	1461	rVB4	40701	67509	2.24%	0.165%
21	10.739	1466	1471	1474	rVB4	77193	95020	3.15%	0.232%
22	10.922	1496	1502	1504	rBV4	90619	139243	4.62%	0.341%
23	10.951	1504	1507	1510	rVV2	121390	141948	4.71%	0.347%
24	11.004	1513	1516	1519	rVB2	99310	98734	3.28%	0.242%
25	11.069	1525	1527	1533	rVV3	82086	102009	3.39%	0.250%
26	11.163	1539	1543	1545	rVV2	61676	82894	2.75%	0.203%
27	11.186	1545	1547	1549	rVV3	62308	55056	1.83%	0.135%
28	11.210	1549	1551	1556	rVB2	72583	83642	2.78%	0.205%
29	11.316	1565	1569	1571	rBV	1776509	1553208	51.54%	3.800%
30	11.339	1571	1573	1576	rVV	551606	425051	14.10%	1.040%
31	11.386	1578	1581	1584	rVB	230670	196822	6.53%	0.481%
32	11.421	1584	1587	1590	rBV2	86625	111259	3.69%	0.272%
33	11.545	1606	1608	1610	rBV2	53721	57031	1.89%	0.140%
34	11.616	1617	1620	1622	rBV	92358	68315	2.27%	0.167%
35	11.645	1622	1625	1628	rVB	150298	119214	3.96%	0.292%
36	11.727	1636	1639	1643	rVB	59185	65466	2.17%	0.160%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134867.D
Acq On : 21 Aug 2023 14:51
Operator : CG\JU
Sample : 04086-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP06A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.816	1650	1654	1657	rVV	349893	341760	11.34%	0.836%
38	11.845	1657	1659	1664	rVV2	691511	735163	24.40%	1.798%
39	11.892	1664	1667	1670	rVV	170310	180489	5.99%	0.442%
40	11.927	1670	1673	1676	rVV	687532	754192	25.03%	1.845%
41	11.951	1676	1677	1682	rVB	325438	204706	6.79%	0.501%
42	12.004	1682	1686	1687	rBV3	48537	49148	1.63%	0.120%
43	12.021	1687	1689	1691	rVV2	65274	60702	2.01%	0.148%
44	12.051	1691	1694	1697	rVB	114768	93491	3.10%	0.229%
45	12.116	1698	1705	1707	rVV	259273	278950	9.26%	0.682%
46	12.139	1707	1709	1715	rVB3	122859	136075	4.52%	0.333%
47	12.192	1715	1718	1721	rBV	85804	89914	2.98%	0.220%
48	12.245	1724	1727	1728	rBV	80601	67119	2.23%	0.164%
49	12.263	1728	1730	1733	rVV	193716	181039	6.01%	0.443%
50	12.298	1733	1736	1738	rVV	101354	112797	3.74%	0.276%
51	12.316	1738	1739	1743	rVB	81577	63483	2.11%	0.155%
52	12.368	1745	1748	1751	rBV	442565	452773	15.02%	1.108%
53	12.404	1751	1754	1757	rVV3	256171	364249	12.09%	0.891%
54	12.457	1760	1763	1767	rBV2	211569	316744	10.51%	0.775%
55	12.533	1772	1776	1779	rVV	1249698	1096991	36.40%	2.683%
56	12.580	1781	1784	1785	rVV	94941	91634	3.04%	0.224%
57	12.598	1785	1787	1791	rVV3	94165	96716	3.21%	0.237%
58	12.639	1791	1794	1796	rVV3	106825	120196	3.99%	0.294%
59	12.663	1796	1798	1800	rVV2	99273	94280	3.13%	0.231%
60	12.692	1800	1803	1805	rVV4	54291	62315	2.07%	0.152%
61	12.716	1805	1807	1809	rVB	92792	63813	2.12%	0.156%
62	12.763	1809	1815	1818	rBV	1675093	1734764	57.57%	4.244%
63	12.821	1821	1825	1828	rVB3	134153	169436	5.62%	0.414%
64	12.910	1836	1840	1843	rVV	2676420	2405975	79.84%	5.886%
65	12.980	1846	1852	1859	rBV2	260380	414009	13.74%	1.013%
66	13.039	1859	1862	1864	rBV3	59307	65058	2.16%	0.159%
67	13.068	1864	1867	1868	rBV3	185658	207599	6.89%	0.508%
68	13.086	1868	1870	1874	rVB	288499	304379	10.10%	0.745%
69	13.157	1878	1882	1885	rBV2	233568	211777	7.03%	0.518%
70	13.192	1885	1888	1891	rBV	345971	320200	10.63%	0.783%
71	13.221	1891	1893	1896	rVB3	55168	54091	1.79%	0.132%
72	13.286	1901	1904	1907	rVV	317083	300264	9.96%	0.735%
73	13.315	1907	1909	1913	rVV	296601	277319	9.20%	0.678%
74	13.351	1913	1915	1920	rVV3	47578	71215	2.36%	0.174%
75	13.404	1921	1924	1927	rVB4	62087	79007	2.62%	0.193%
76	13.492	1936	1939	1941	rVV3	80534	101027	3.35%	0.247%

LSC Area Percent Report

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Operator : CG\JU
Sample : 04086-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-PP06A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.515	1941	1943	1946	rVV	61814	69493	2.31%	0.170%
78	13.598	1955	1957	1962	rVV	146663	182962	6.07%	0.448%
79	13.710	1971	1976	1979	rBV2	156535	251496	8.35%	0.615%
80	13.739	1979	1981	1983	rVV	190935	151690	5.03%	0.371%
81	13.763	1983	1985	1987	rVV	91130	85309	2.83%	0.209%
82	13.810	1990	1993	2002	rVB2	312944	404450	13.42%	0.989%
83	13.963	2011	2019	2022	rBV2	1418444	2008486	66.65%	4.913%
84	13.992	2022	2024	2029	rVV	689345	637272	21.15%	1.559%
85	14.068	2035	2037	2039	rVB	74755	59321	1.97%	0.145%
86	14.315	2076	2079	2081	rBV	88137	84002	2.79%	0.205%
87	14.351	2081	2085	2088	rVV	304171	348262	11.56%	0.852%
88	14.386	2088	2091	2094	rVV	200530	185325	6.15%	0.453%
89	14.421	2095	2097	2098	rVV2	96264	79590	2.64%	0.195%
90	14.445	2099	2101	2104	rVV3	151336	159691	5.30%	0.391%
91	14.474	2104	2106	2108	rVV2	130371	130755	4.34%	0.320%
92	14.498	2108	2110	2113	rVB2	84041	83268	2.76%	0.204%
93	14.904	2177	2179	2186	rVB2	68291	88211	2.93%	0.216%
94	15.004	2192	2196	2199	rBV	427631	619272	20.55%	1.515%
95	15.109	2212	2214	2219	rVB	78748	89403	2.97%	0.219%
96	15.304	2243	2247	2253	rVB	314585	385491	12.79%	0.943%
97	15.368	2254	2258	2264	rBV	409591	476860	15.82%	1.167%
98	15.433	2264	2269	2273	rBV	829509	1059675	35.16%	2.592%
99	16.909	2516	2520	2530	rVB2	118597	237203	7.87%	0.580%
100	17.362	2591	2597	2605	rBV	107605	214388	7.11%	0.524%

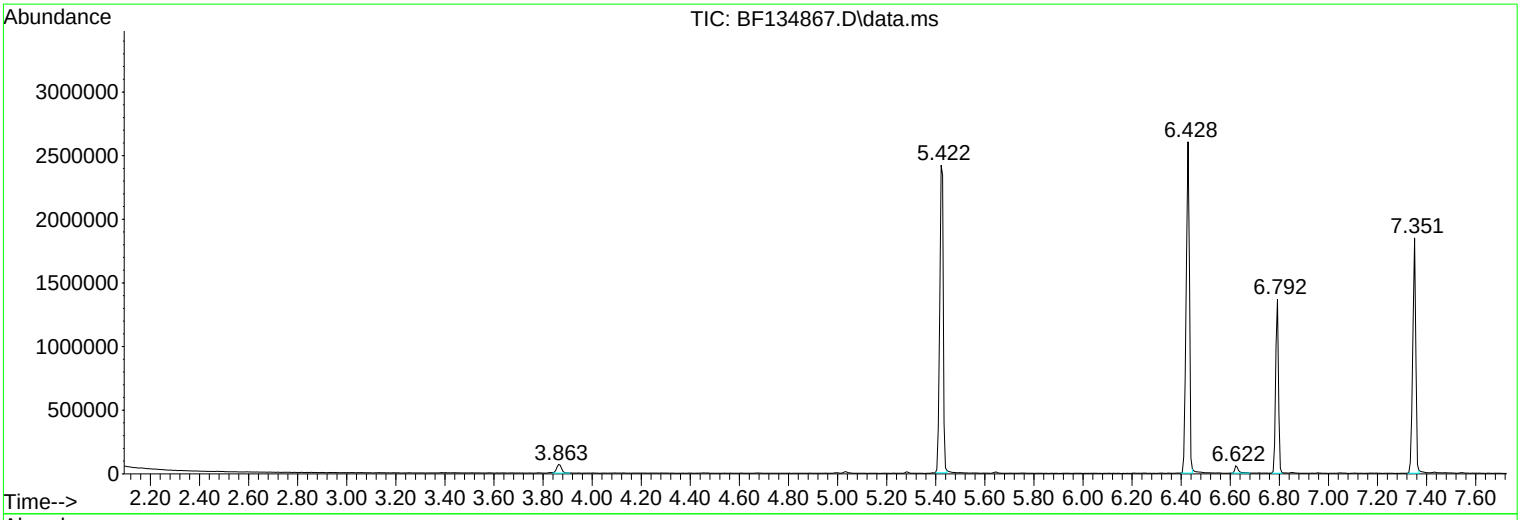
Sum of corrected areas: 40879217

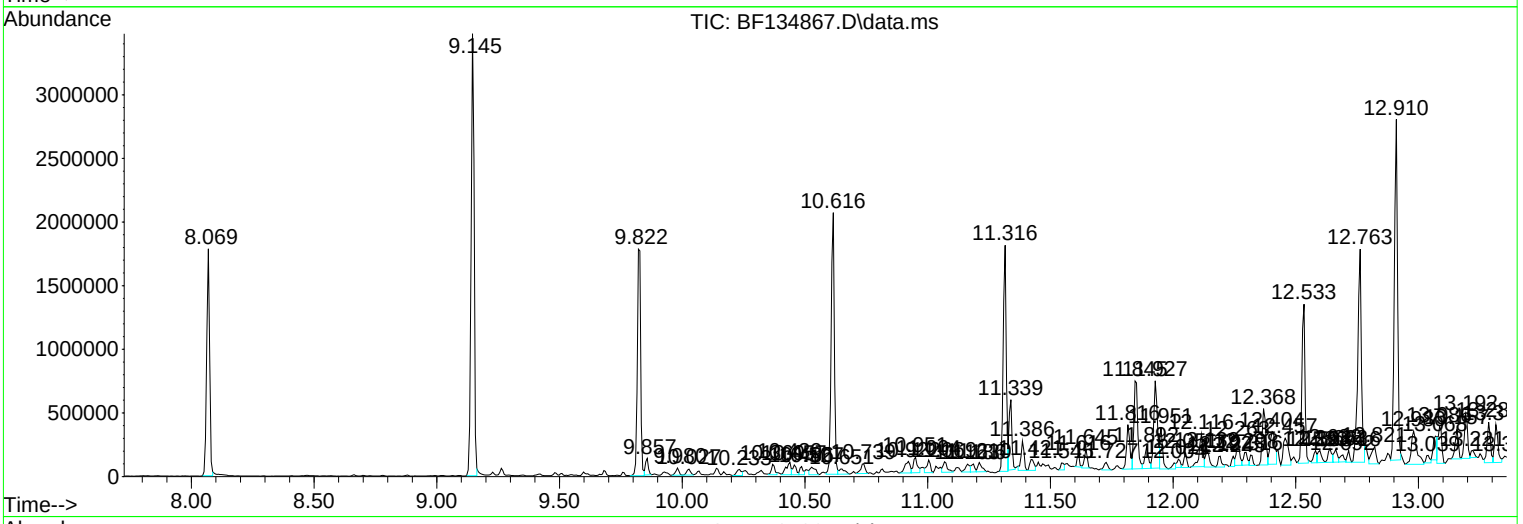
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134867.D
Acq On : 21 Aug 2023 14:51
Operator : CG\JU
Sample : 04086-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

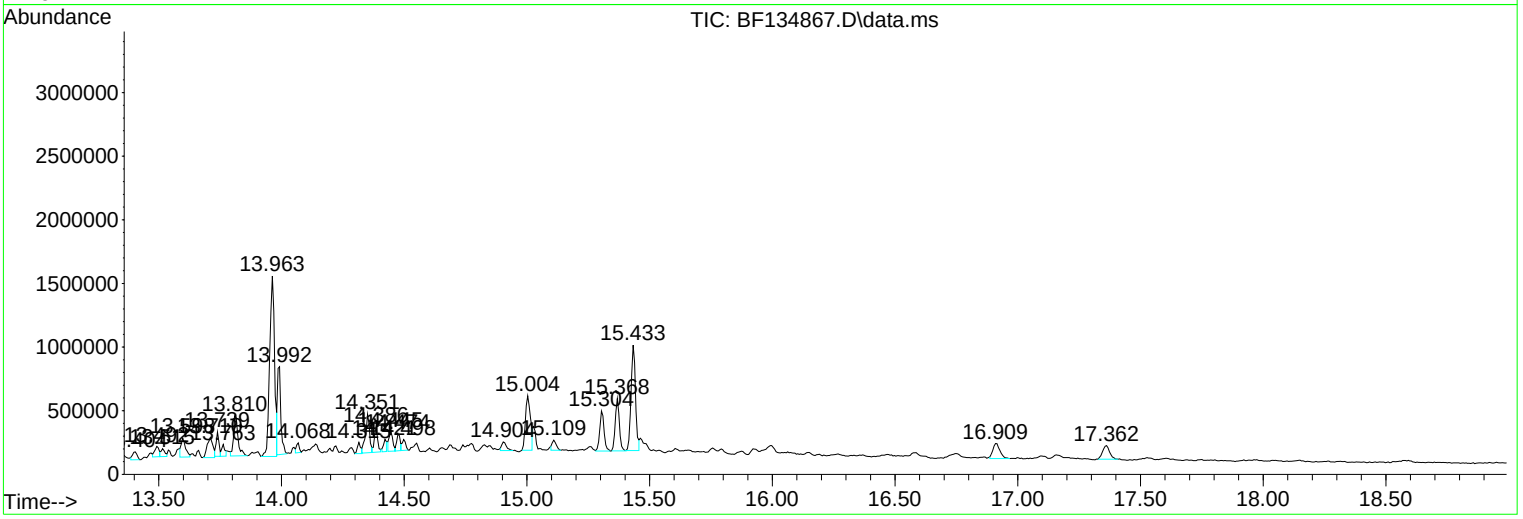
Instrument :
BNA_F
ClientSampleId :
B-PP06A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Instrument :
BNA_F
ClientSampleId :
B-PP06A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

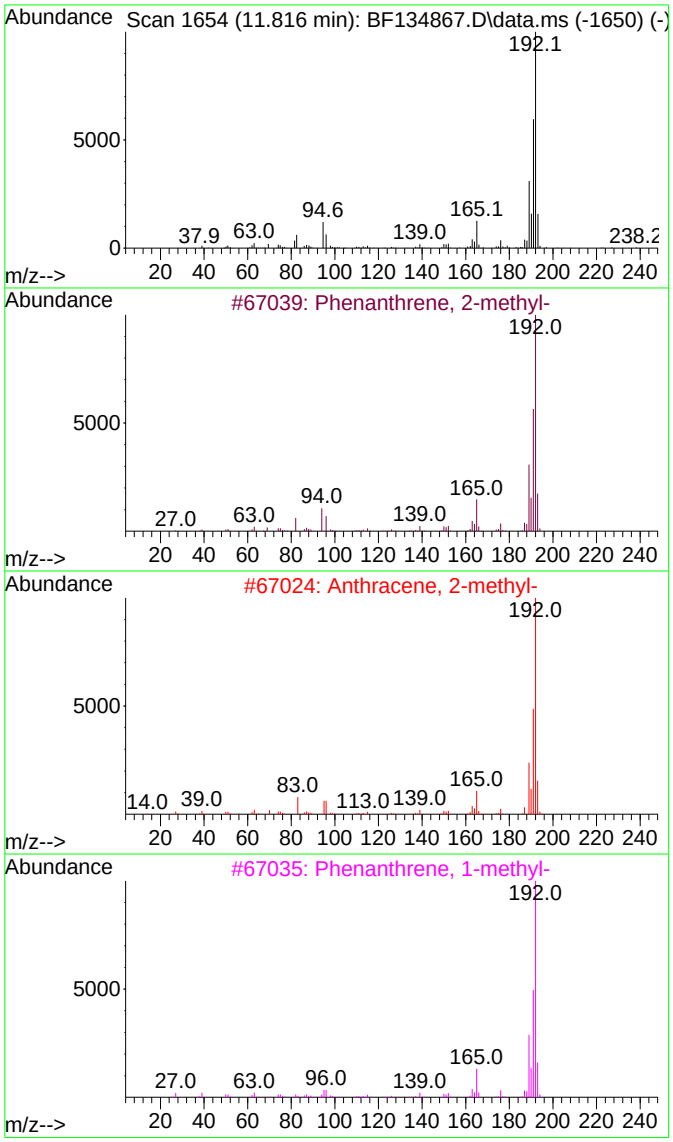
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

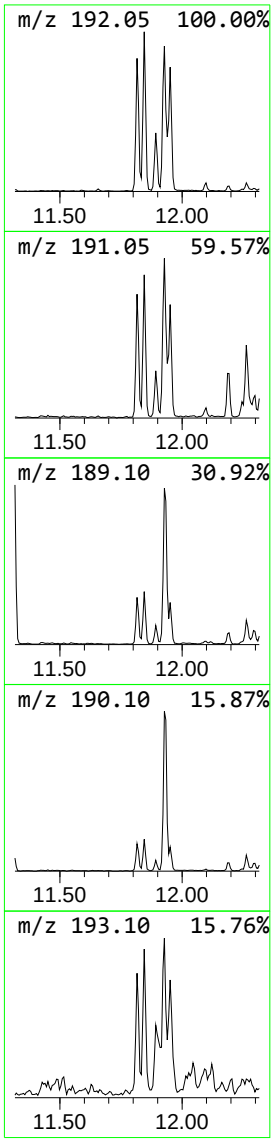
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	4.40 ng	341760	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134867.D
Acq On : 21 Aug 2023 14:51
Operator : CG\JU
Sample : 04086-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP06A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

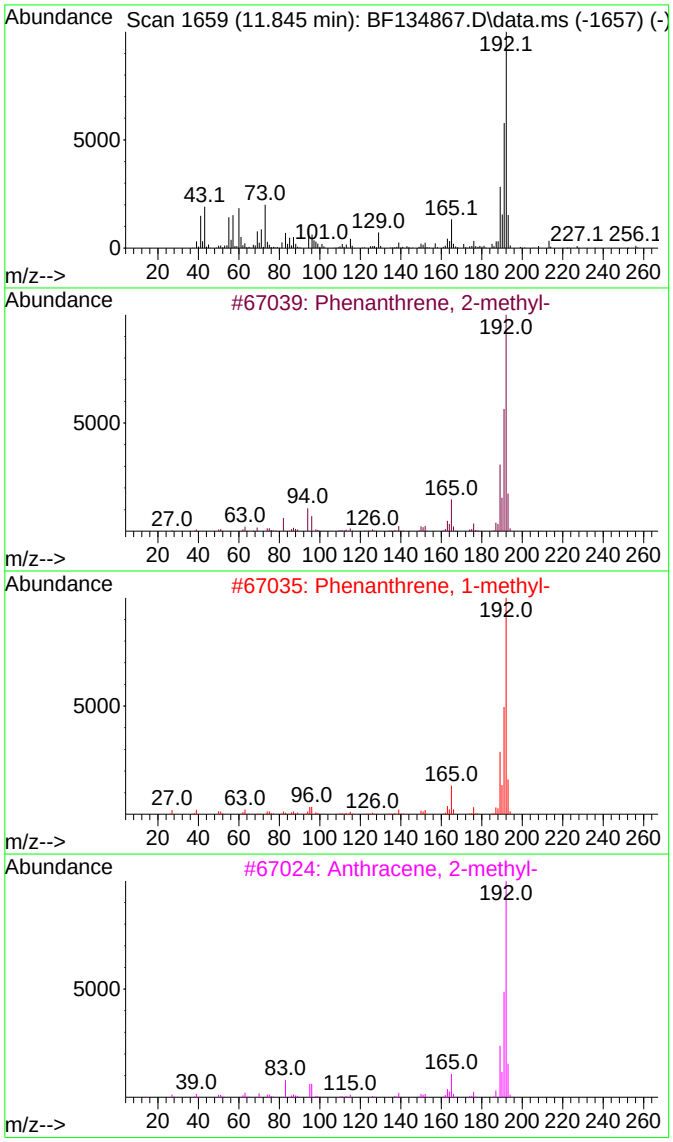
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

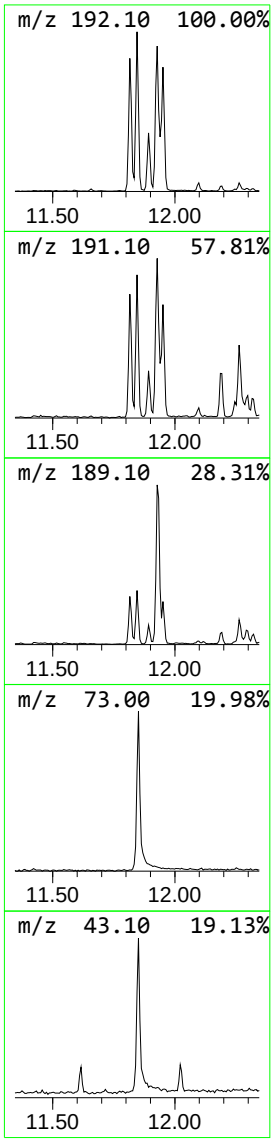
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	9.47 ng	735163	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Acq On : 21 Aug 2023 14:51
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP06A

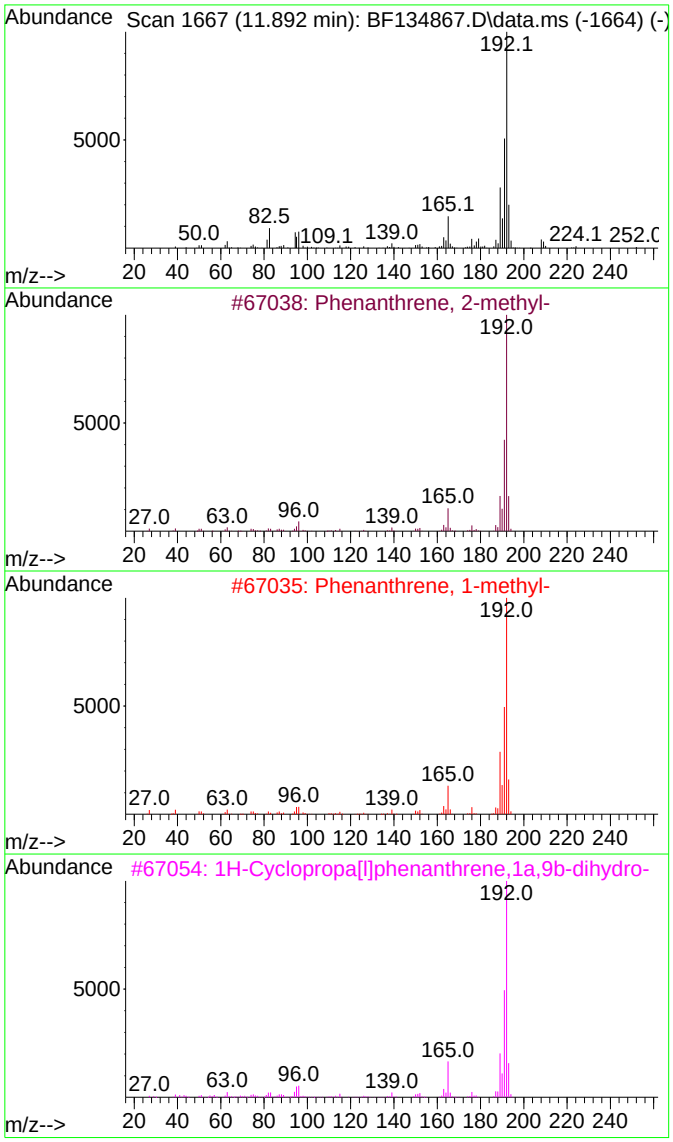
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

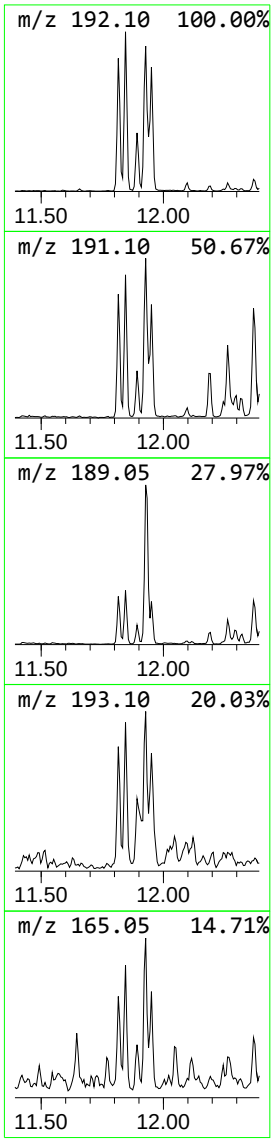
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.32 ng	180489	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134867.D
Acq On : 21 Aug 2023 14:51
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Sample : 04086-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP06A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

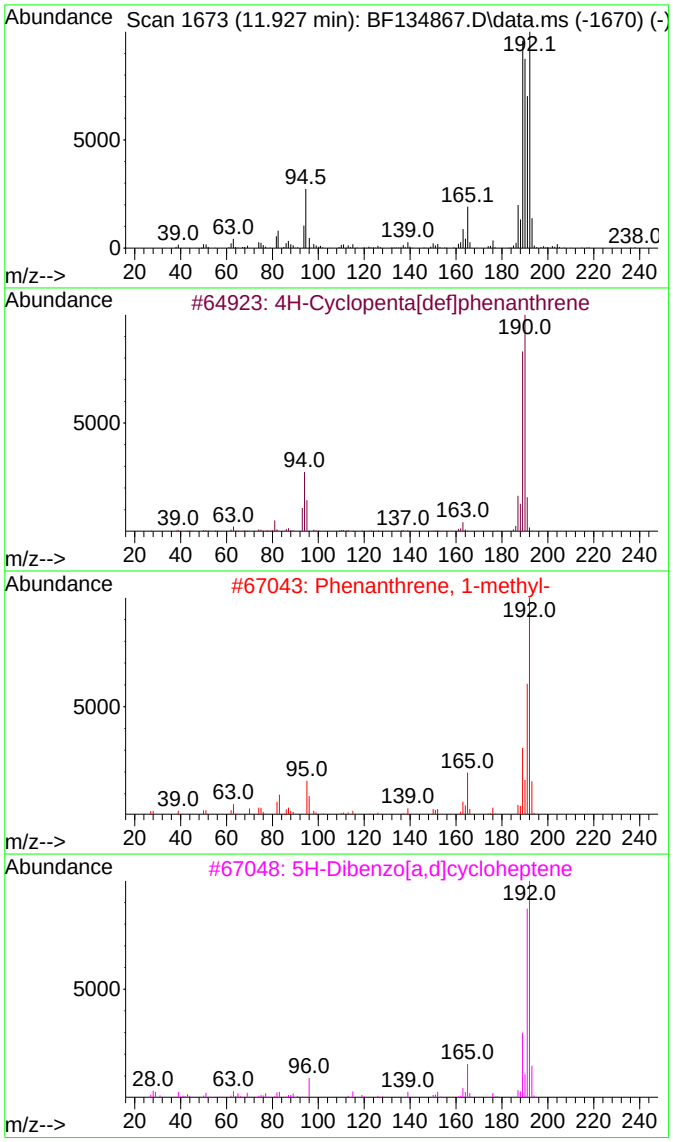
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

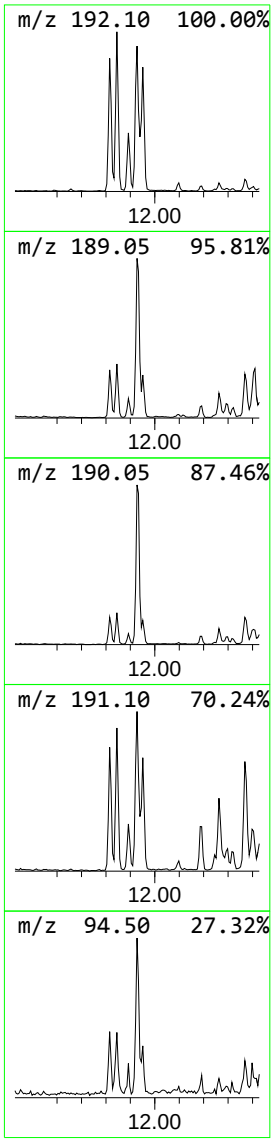
****

Peak Number 4 unknown11.927 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	9.71 ng	754192	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	41
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134867.D
Acq On : 21 Aug 2023 14:51
Operator : CG\JU
Sample : 04086-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP06A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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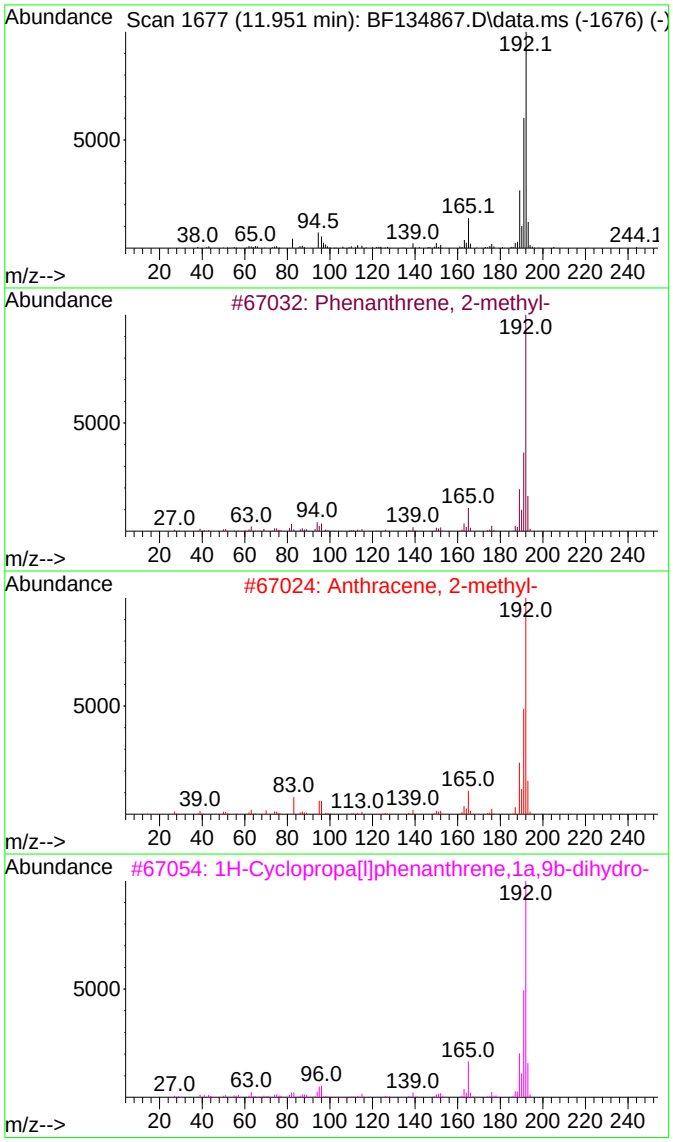
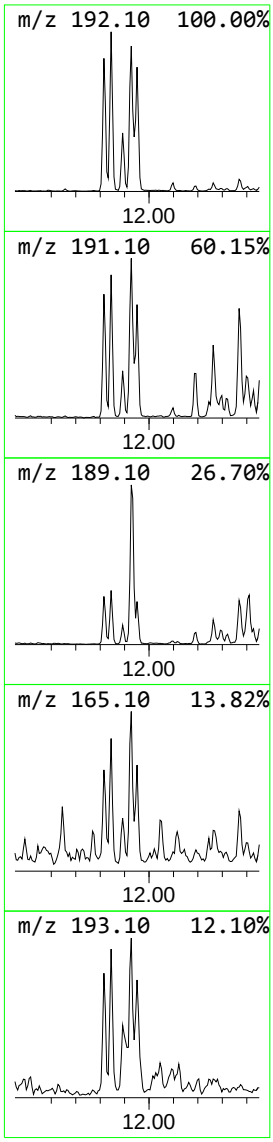
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.64 ng	204706	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Operator : CG\JU
Sample : 04086-01
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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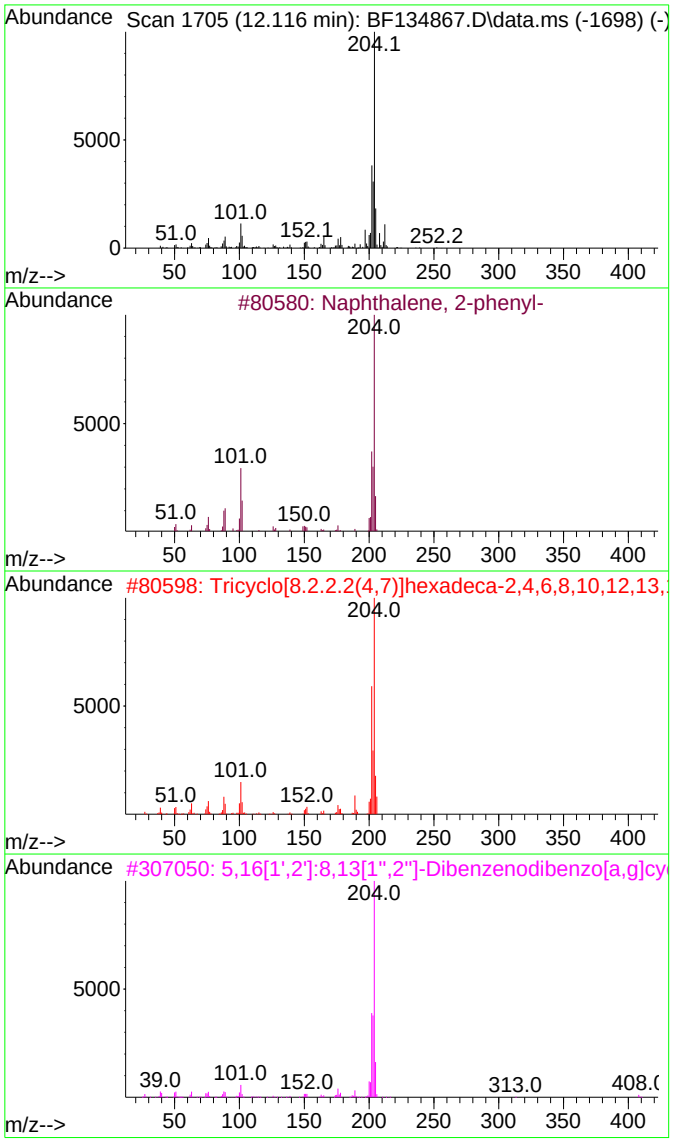
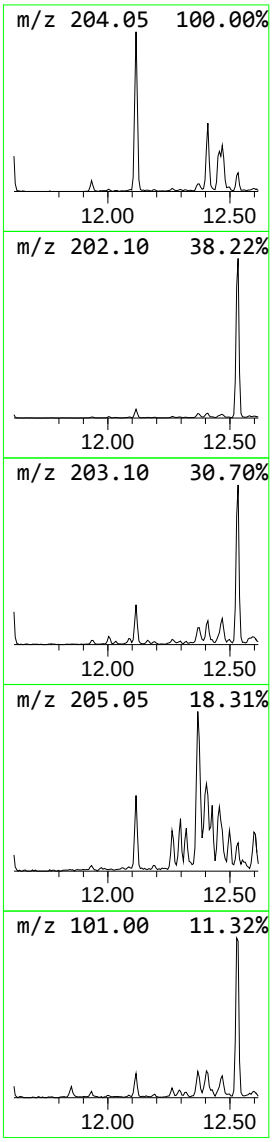
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	3.59 ng	278950	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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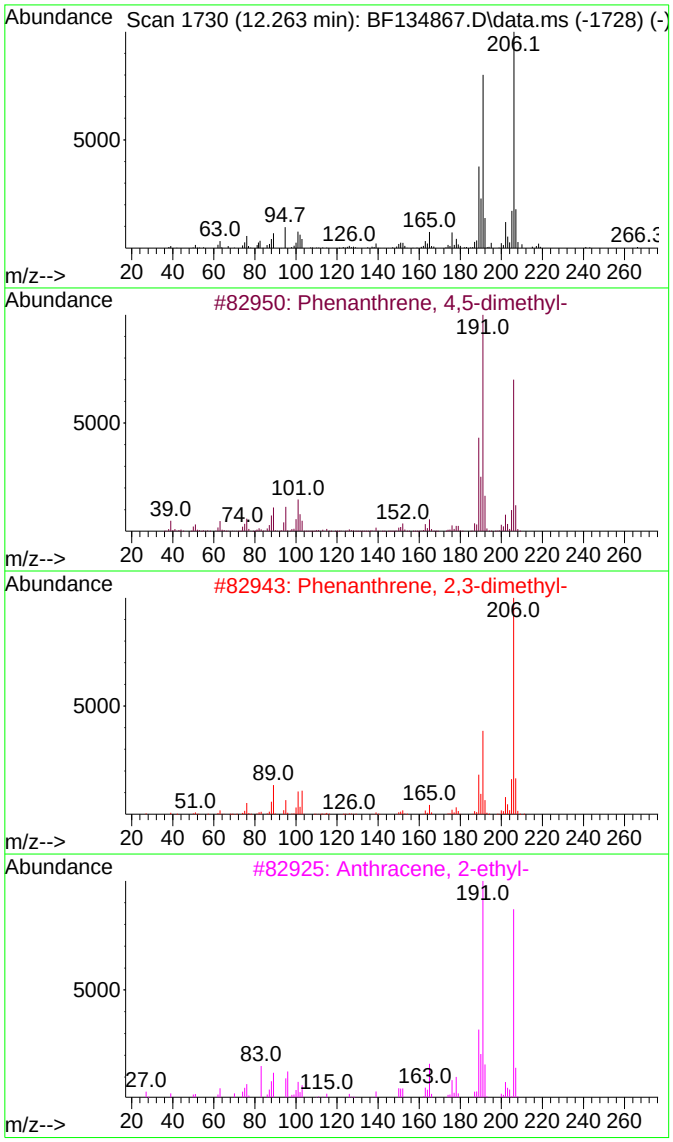
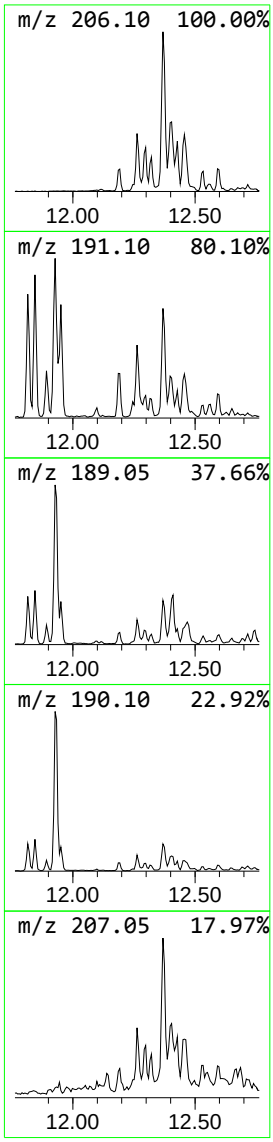
Peak Number 7 Phenanthrene, 4,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	2.33 ng	181039	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	87





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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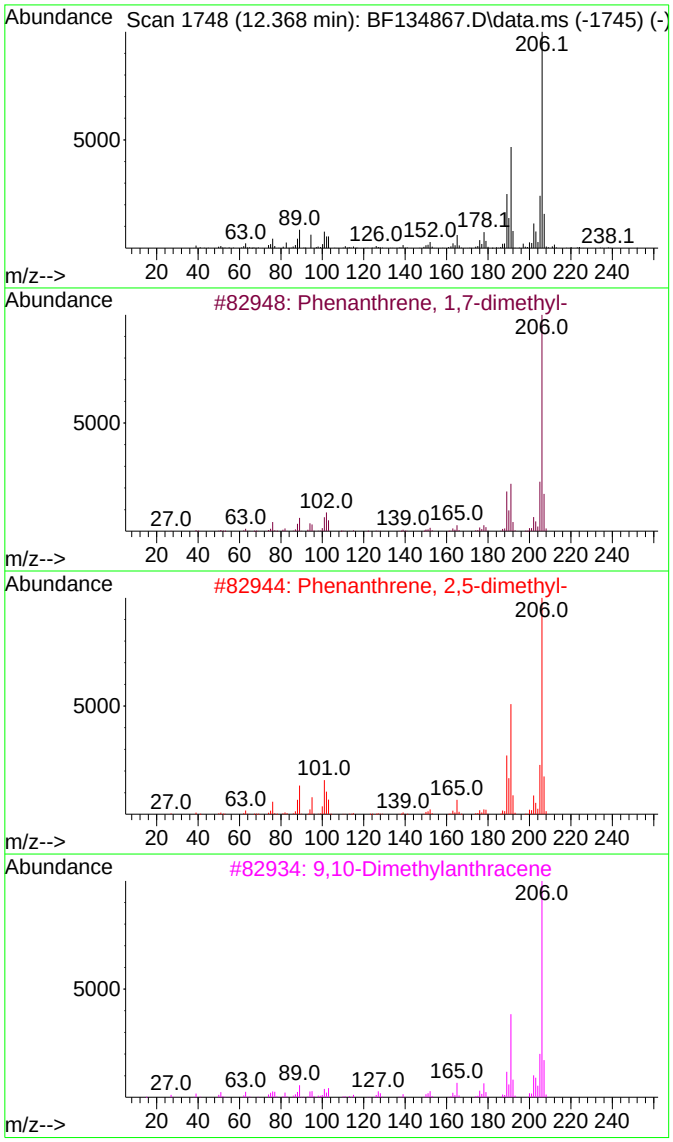
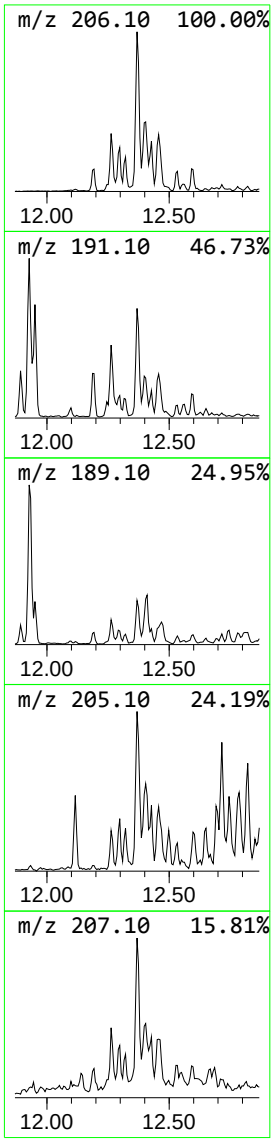
Peak Number 8 Phenanthrene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	5.83 ng	452773	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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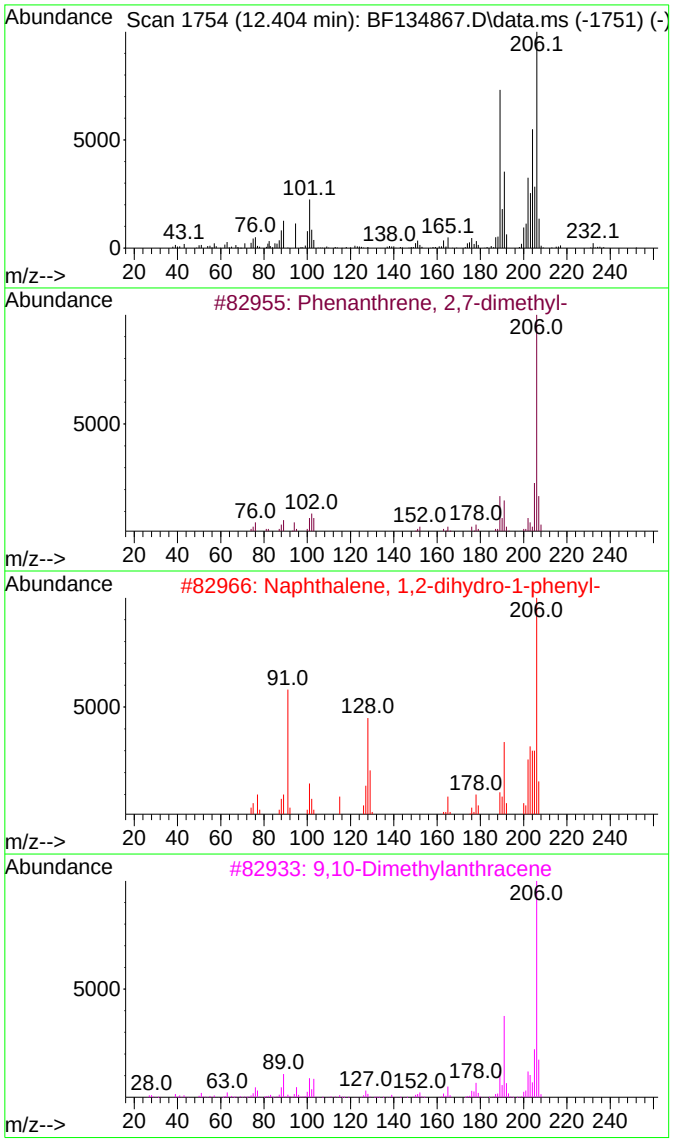
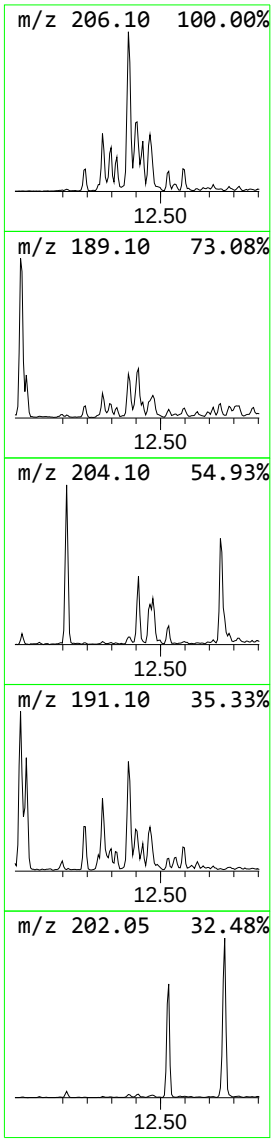
Peak Number 9 unknown12.404 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	4.69 ng	364249	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	45
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	43
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	43
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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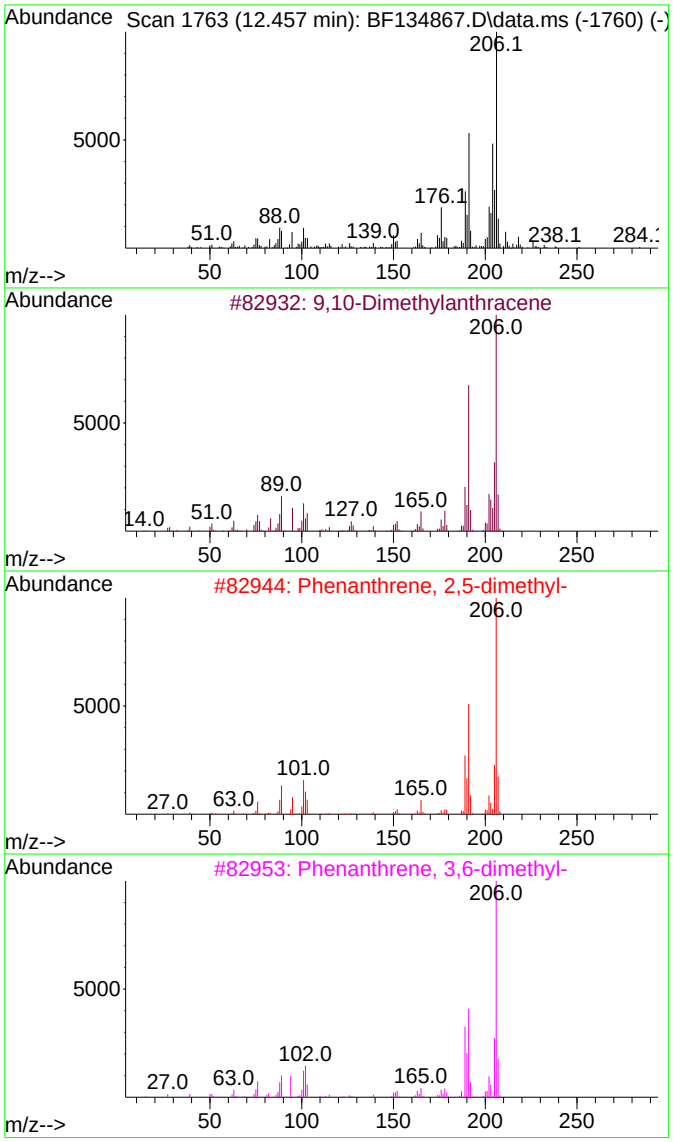
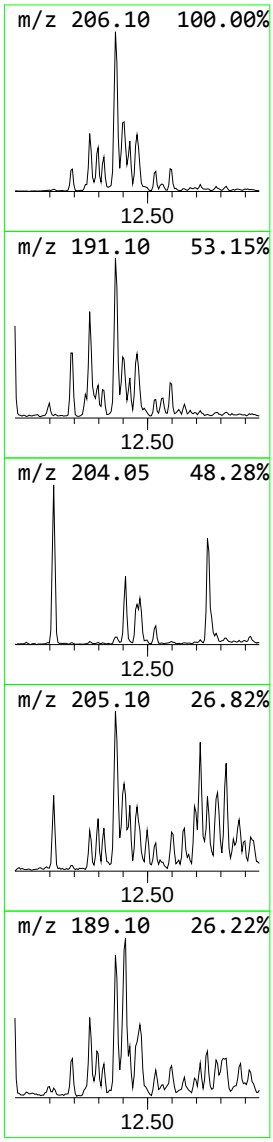
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	4.08 ng	316744	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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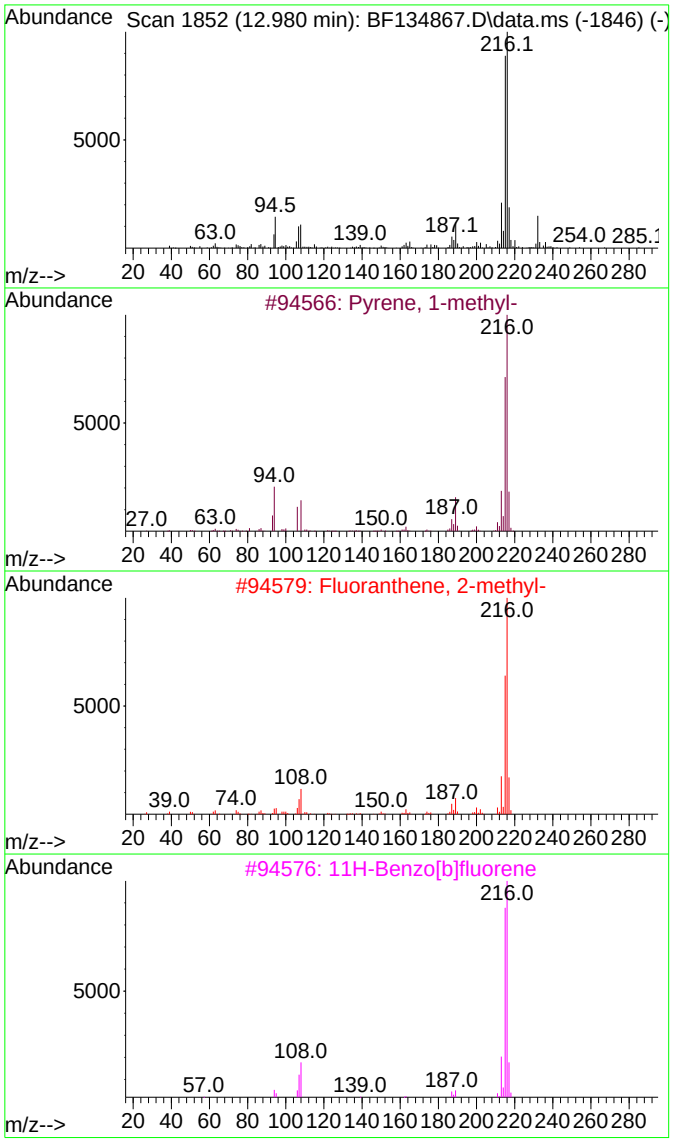
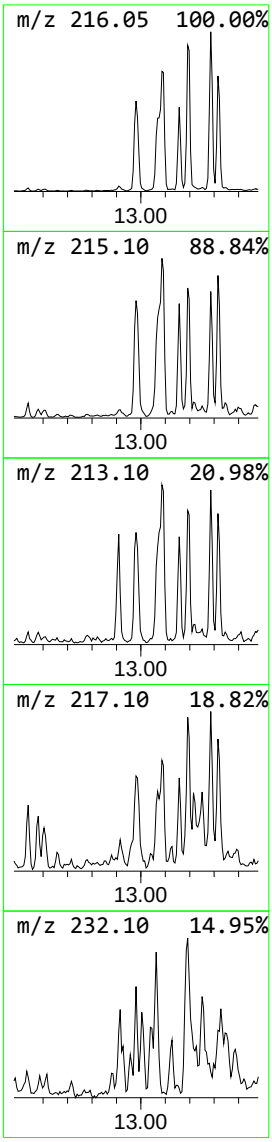
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	4.12 ng	414009	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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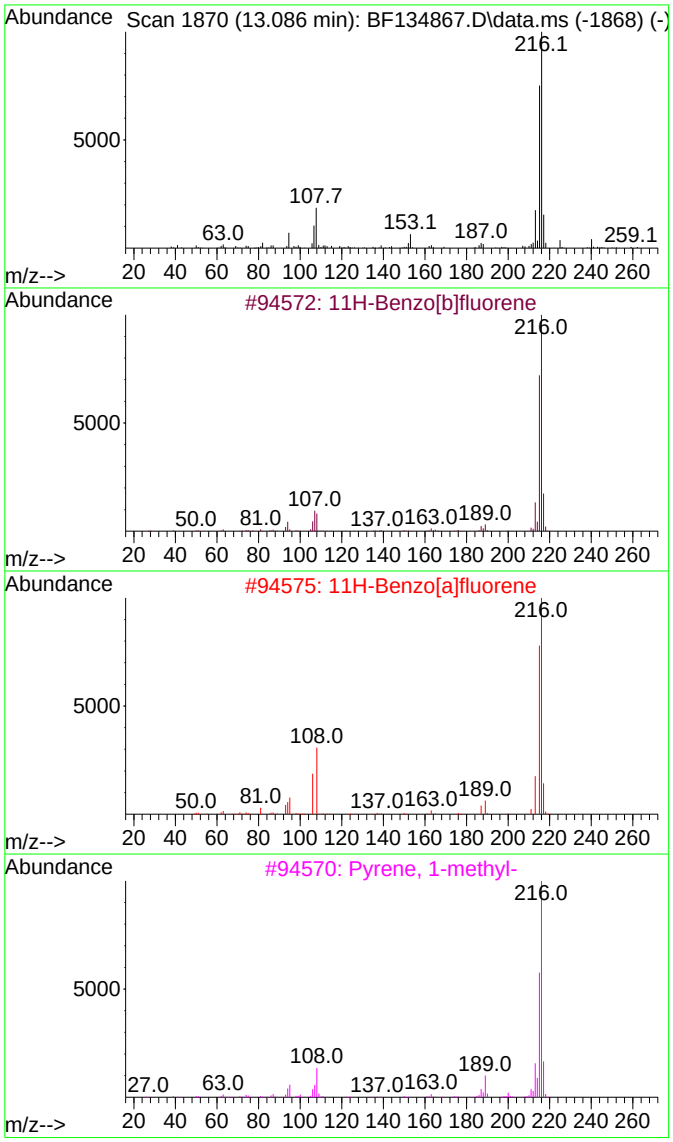
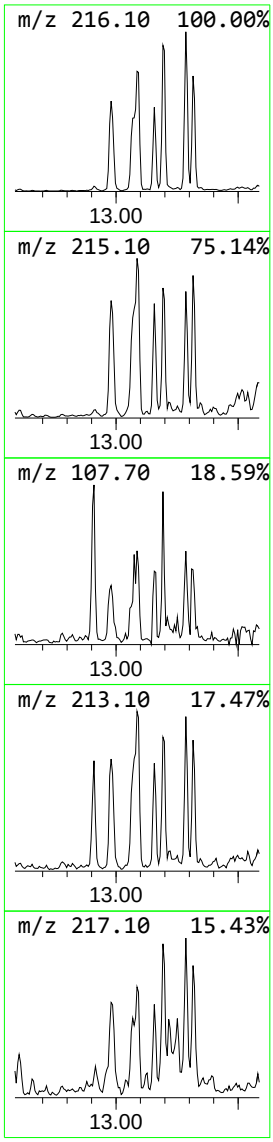
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	3.03 ng	304379	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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TIC Library : C:\Database\NIST20.L
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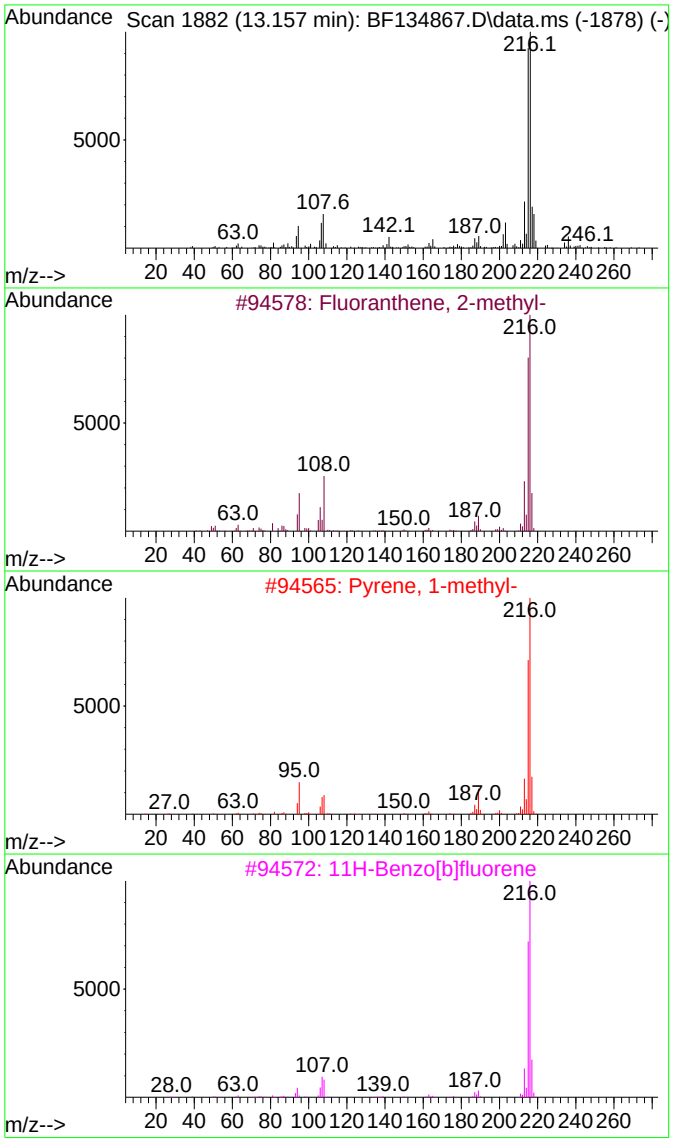
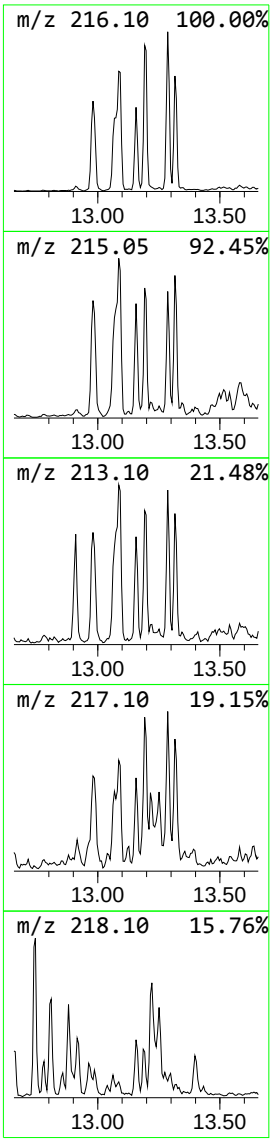
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.11 ng	211777	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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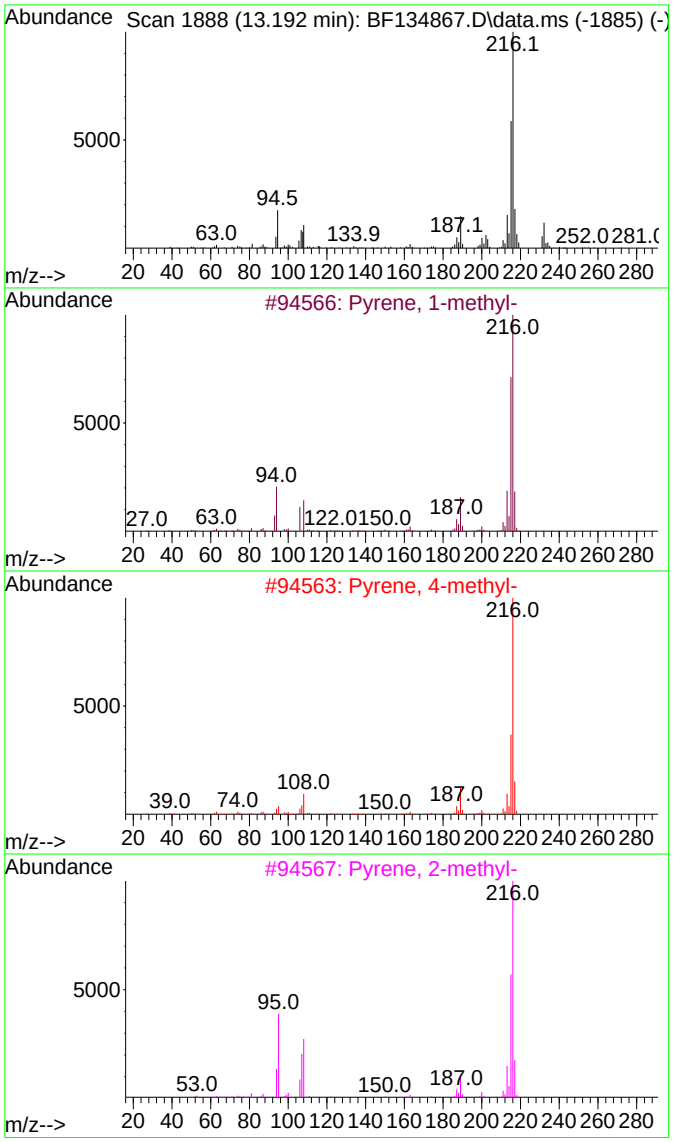
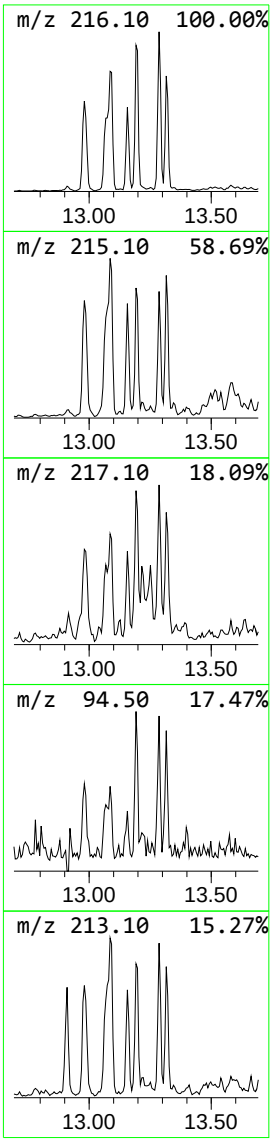
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	3.19 ng	320200	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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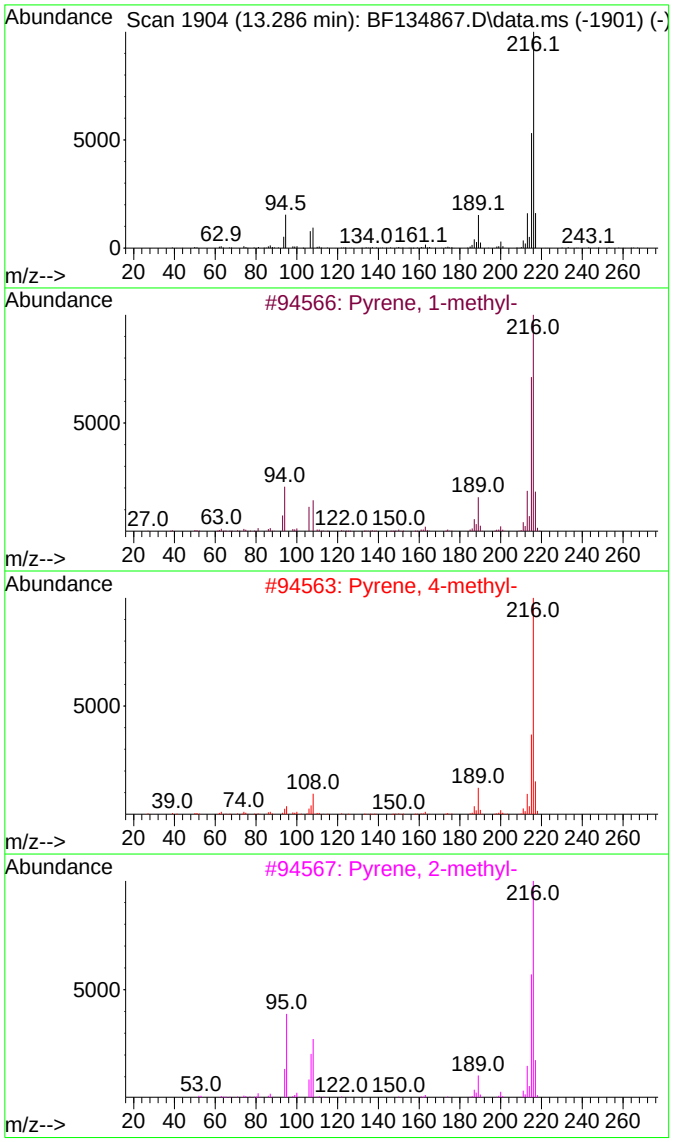
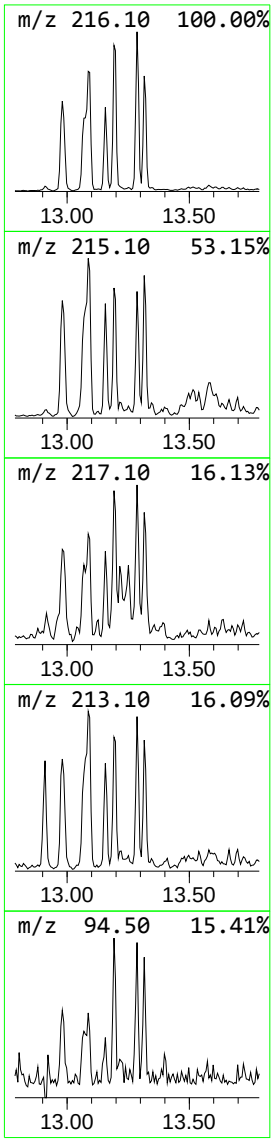
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	2.99 ng	300264	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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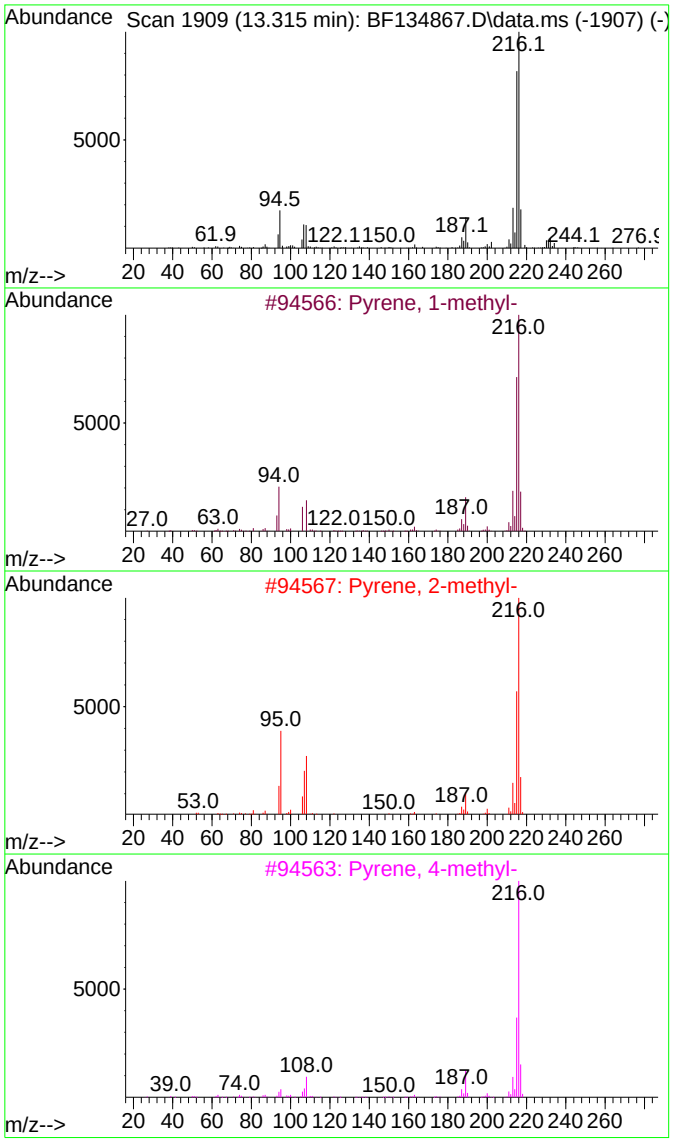
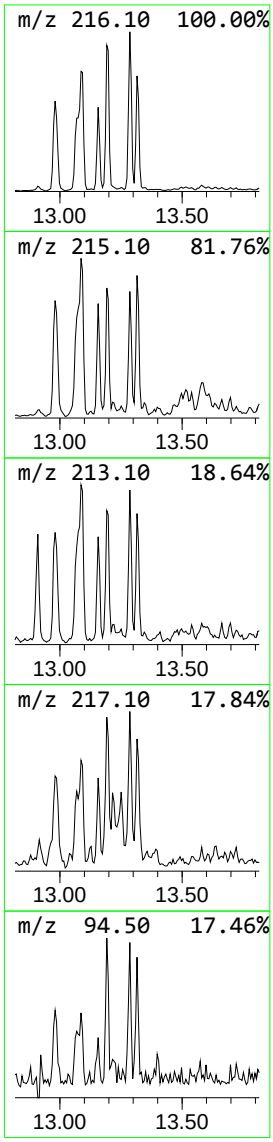
Peak Number 16 unknown13.316 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	2.76 ng	277319	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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TIC Integration Parameters: LSCINT.P

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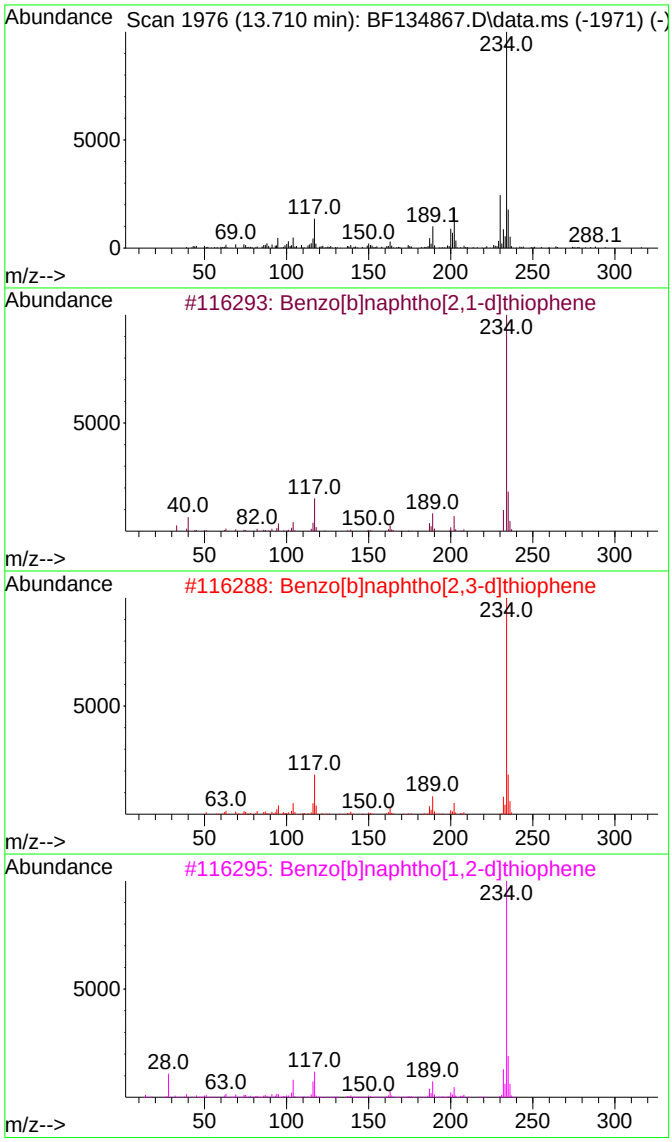
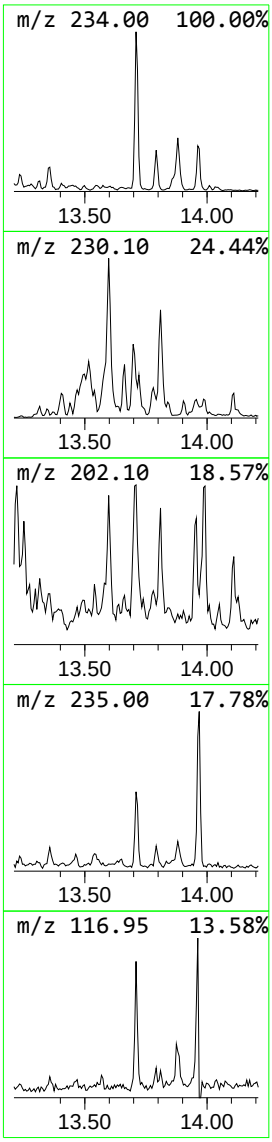
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	2.50 ng	251496	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	89
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	59
4	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	58
5	3-(1H-benzimidazol-2-yl)-2H-inda...	234	C14H10N4	1097816-83-5	52





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Acq On : 21 Aug 2023 14:51
Operator : CG\JU
Sample : 04086-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP06A

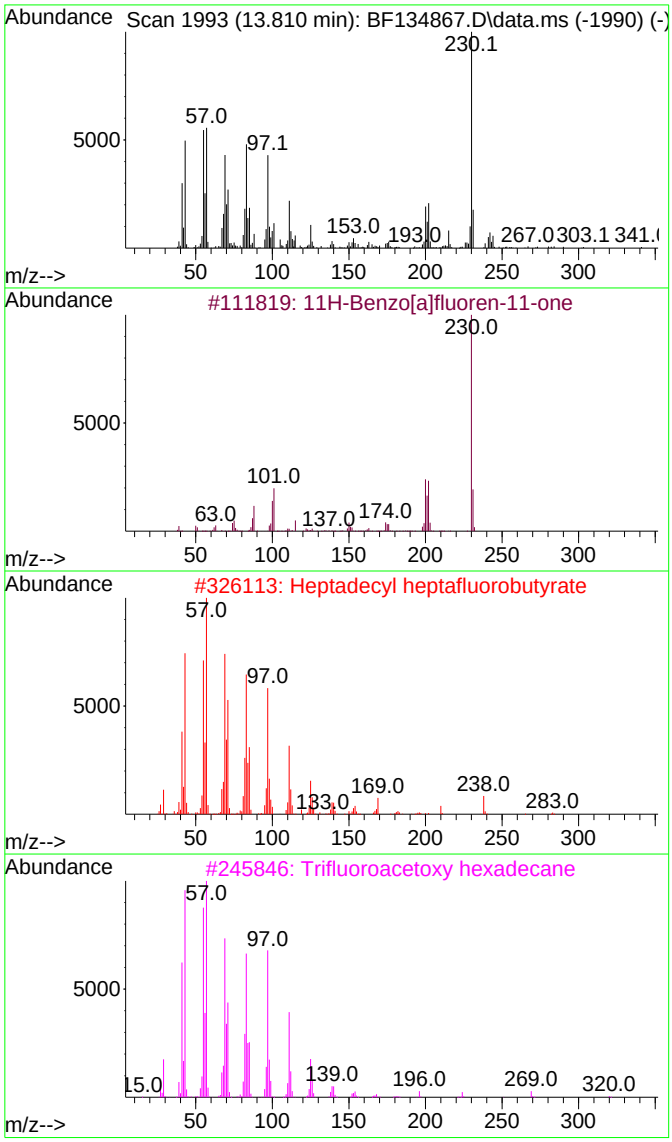
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

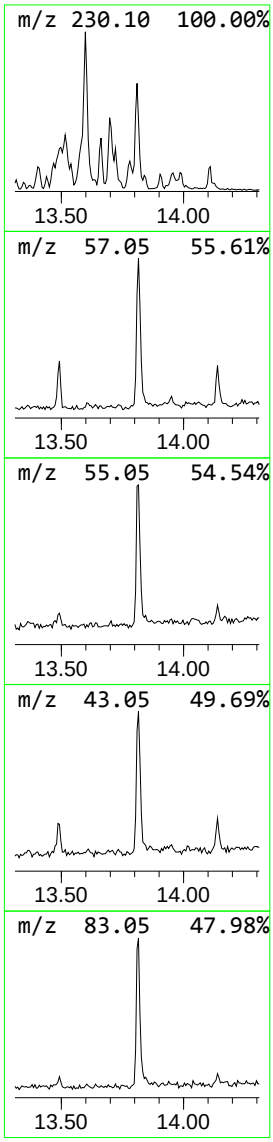
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	4.03 ng	404450	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	50
4	1-Docosene	308	C22H44	001599-67-3	42
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	42





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Data File : BF134867.D
Acq On : 21 Aug 2023 14:51
Operator : CG\JU
Sample : 04086-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP06A

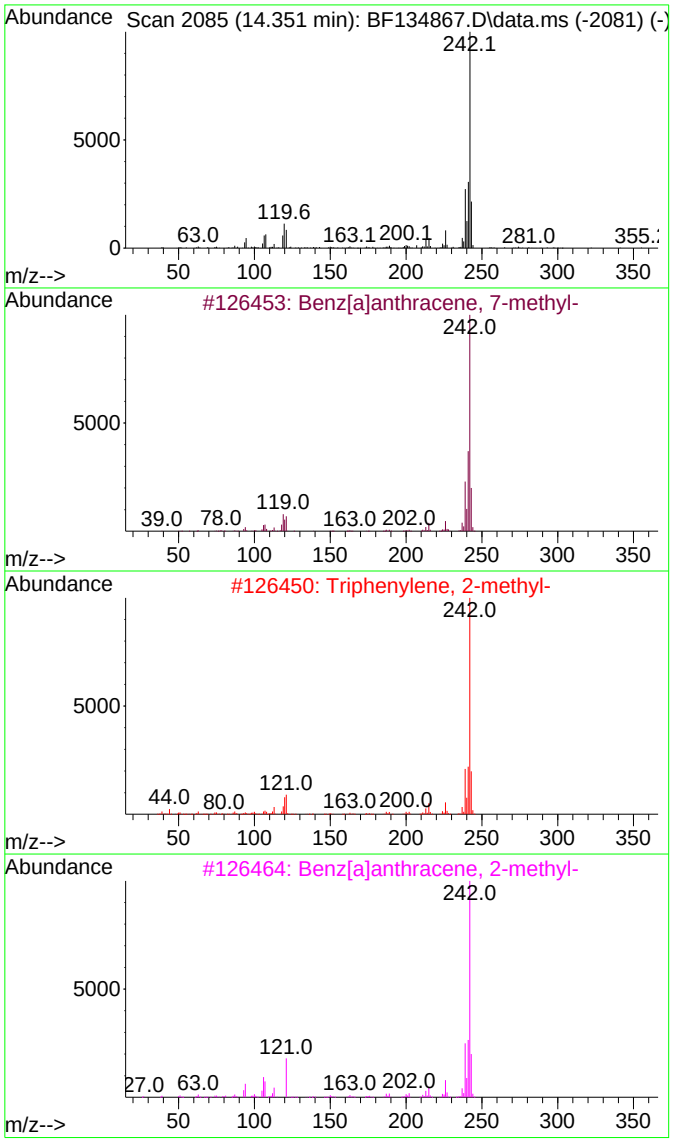
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

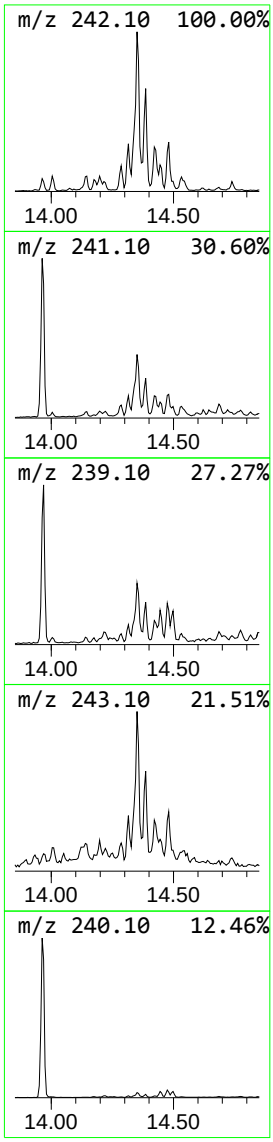
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.351	3.47 ng	348262	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	87





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Data File : BF134867.D
Acq On : 21 Aug 2023 14:51
Operator : CG\JU
Sample : 04086-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP06A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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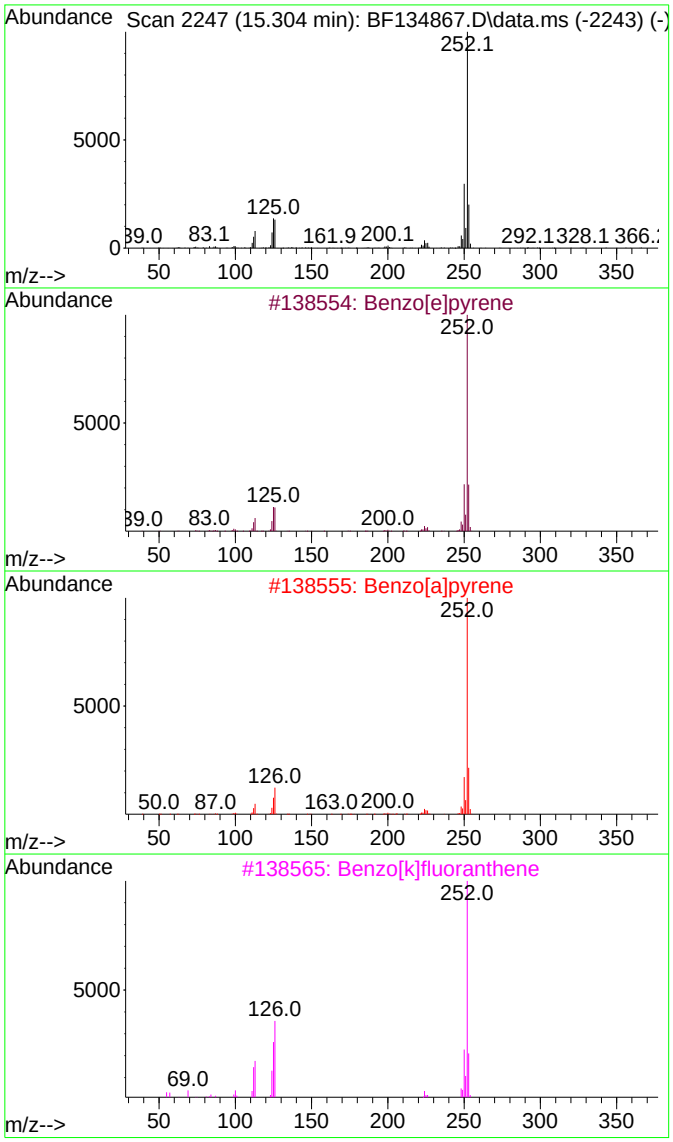
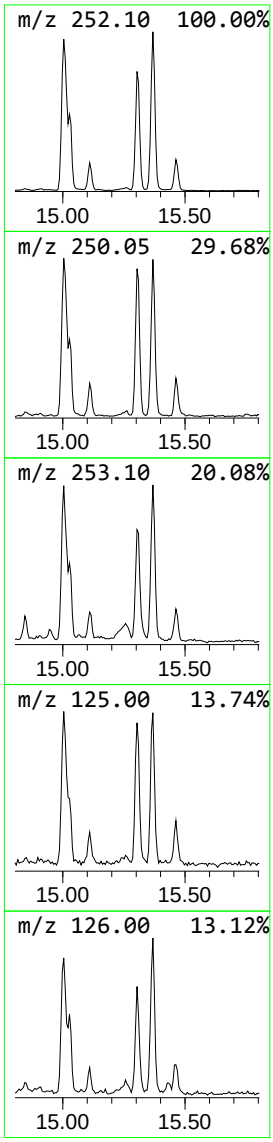
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	7.28 ng	385491	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134867.D
Acq On : 21 Aug 2023 14:51
Operator : CG\JU
Sample : 04086-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP06A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2...	11.816	4.4	ng	341760	4	11.316	1553210	20.0
Phenanthrene, 1...	11.845	9.5	ng	735163	4	11.316	1553210	20.0
1H-Cyclopropa[l...	11.892	2.3	ng	180489	4	11.316	1553210	20.0
unknown11.927	11.927	9.7	ng	754192	4	11.316	1553210	20.0
Anthracene, 2-m...	11.951	2.6	ng	204706	4	11.316	1553210	20.0
Naphthalene, 2-...	12.116	3.6	ng	278950	4	11.316	1553210	20.0
Phenanthrene, 4...	12.263	2.3	ng	181039	4	11.316	1553210	20.0
Phenanthrene, 1...	12.368	5.8	ng	452773	4	11.316	1553210	20.0
unknown12.404	12.404	4.7	ng	364249	4	11.316	1553210	20.0
9,10-Dimethylan...	12.457	4.1	ng	316744	4	11.316	1553210	20.0
Pyrene, 1-methyl-	12.980	4.1	ng	414009	5	13.963	2008490	20.0
11H-Benzo[b]flu...	13.086	3.0	ng	304379	5	13.963	2008490	20.0
Fluoranthene, 2...	13.157	2.1	ng	211777	5	13.963	2008490	20.0
Pyrene, 4-methyl-	13.192	3.2	ng	320200	5	13.963	2008490	20.0
Pyrene, 2-methyl-	13.286	3.0	ng	300264	5	13.963	2008490	20.0
unknown13.316	13.316	2.8	ng	277319	5	13.963	2008490	20.0
Benzo[b]naphtho...	13.710	2.5	ng	251496	5	13.963	2008490	20.0
11H-Benzo[a]flu...	13.810	4.0	ng	404450	5	13.963	2008490	20.0
Benz[a]anthrace...	14.351	3.5	ng	348262	5	13.963	2008490	20.0
Benzo[e]pyrene	15.304	7.3	ng	385491	6	15.433	1059680	20.0